

FIG. 1

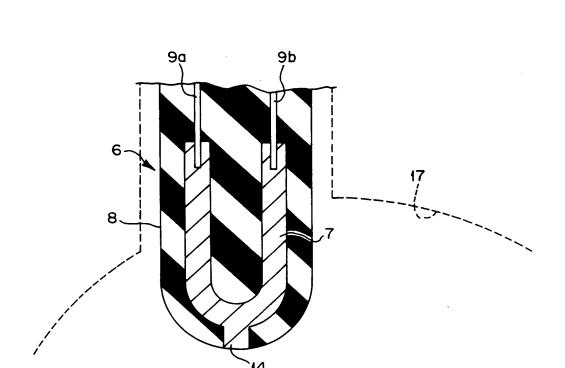


FIG. 2

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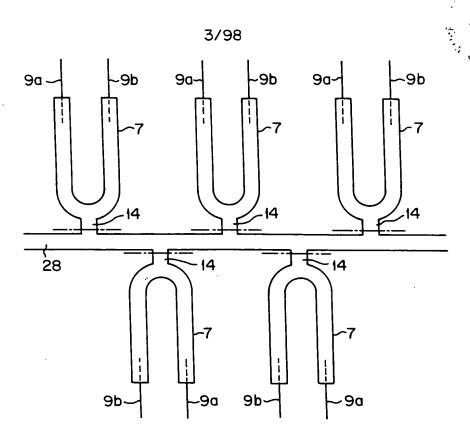
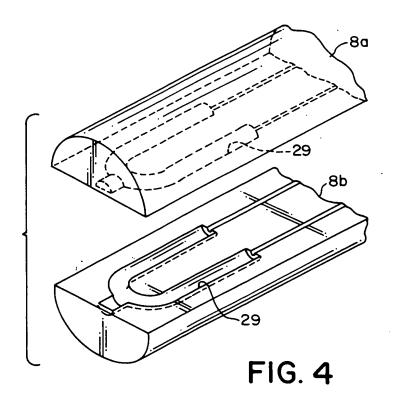
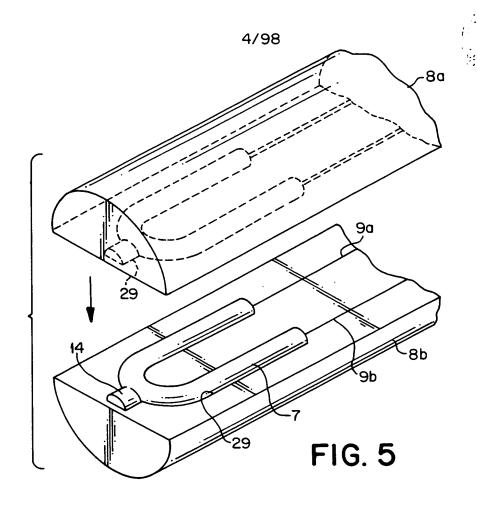
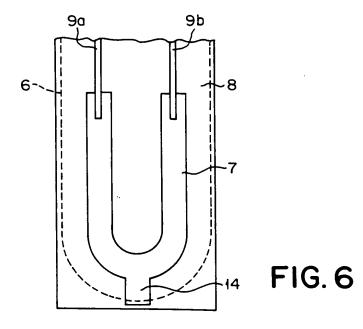


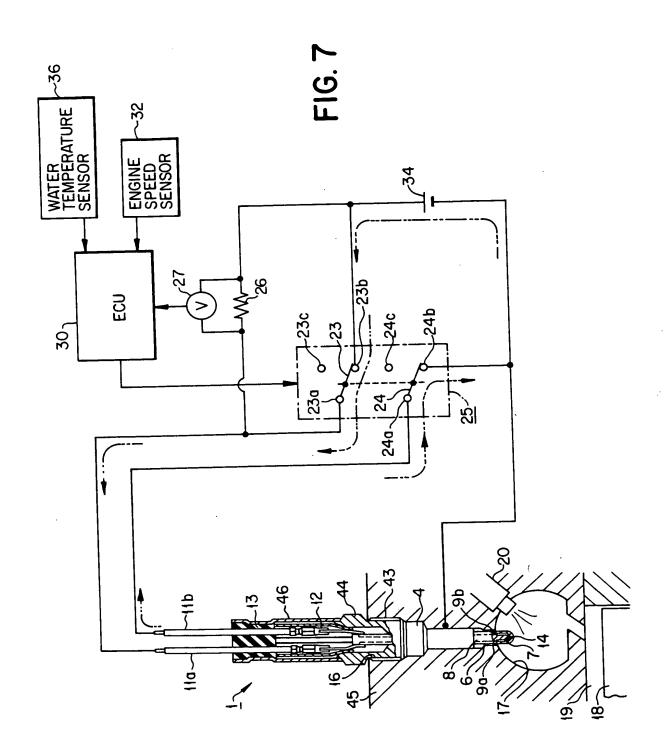
FIG. 3



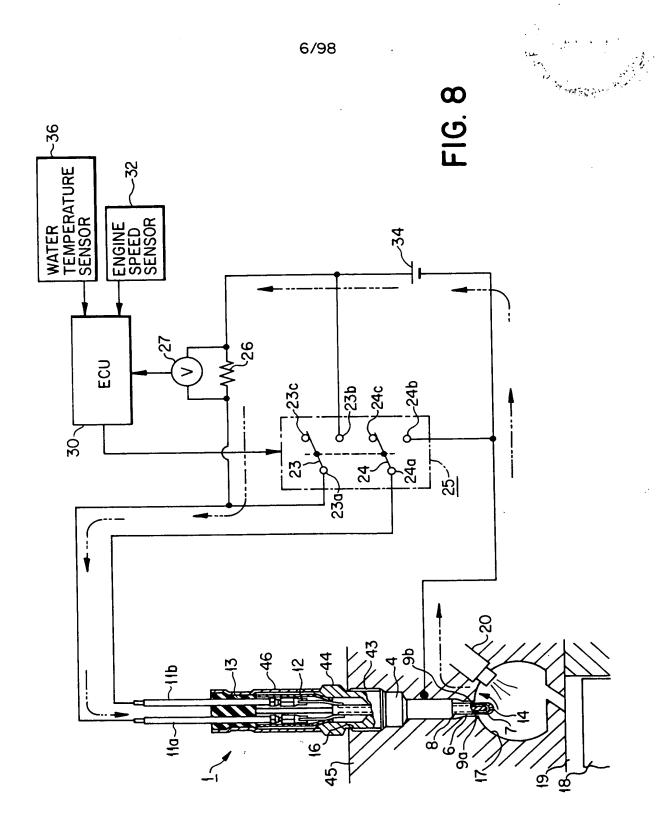
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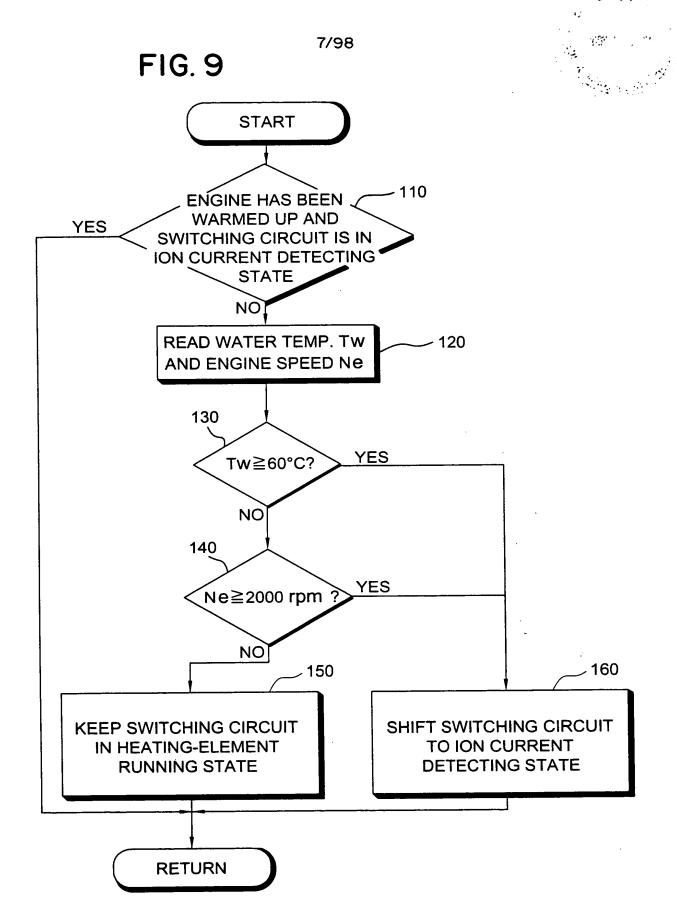


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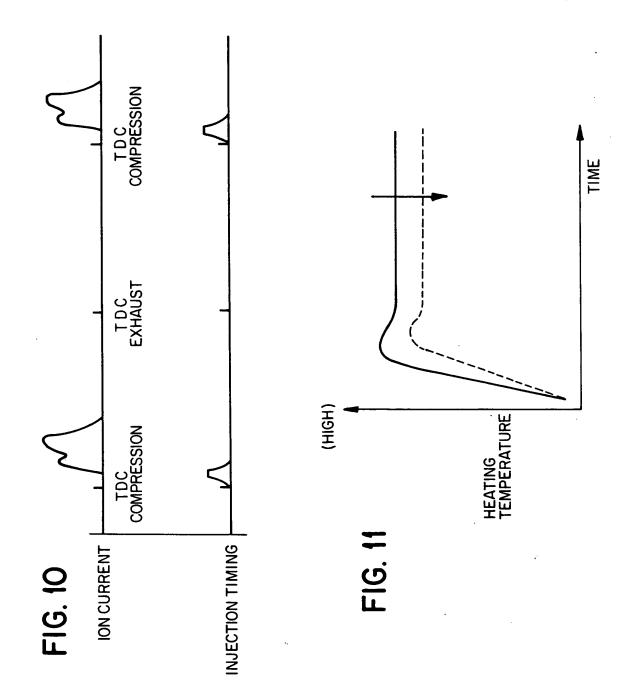


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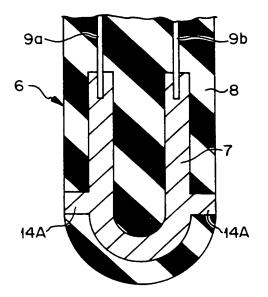


FIG. 12

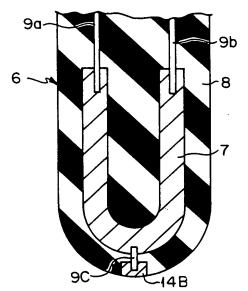


FIG. 13

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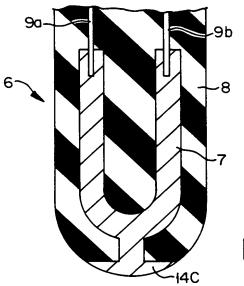


FIG. 14

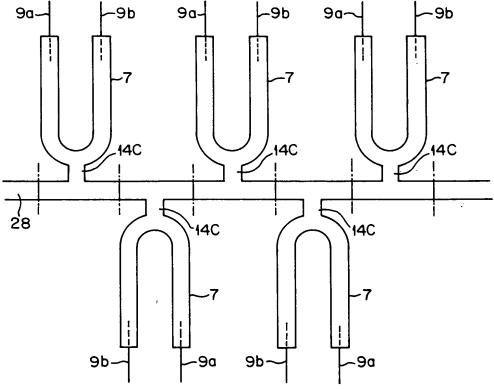


FIG. 15

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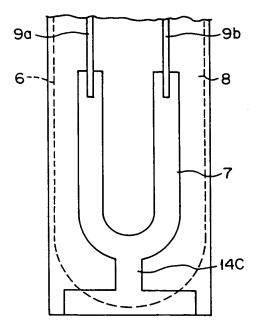
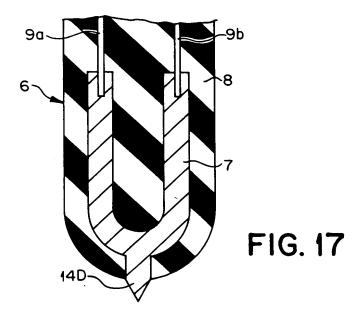


FIG. 16



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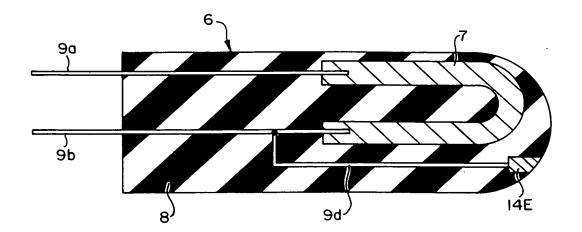


FIG. 18A

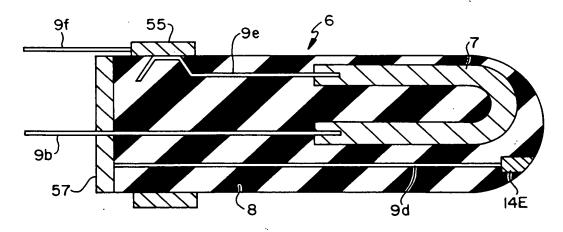


FIG. 18B

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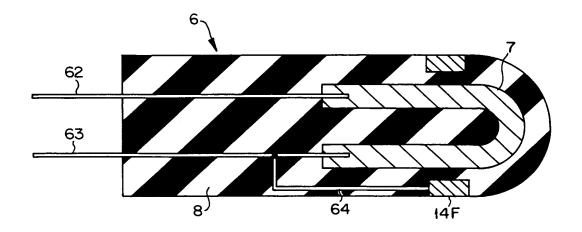


FIG. 19A

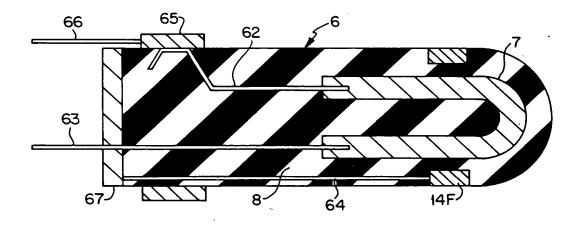


FIG. 19B

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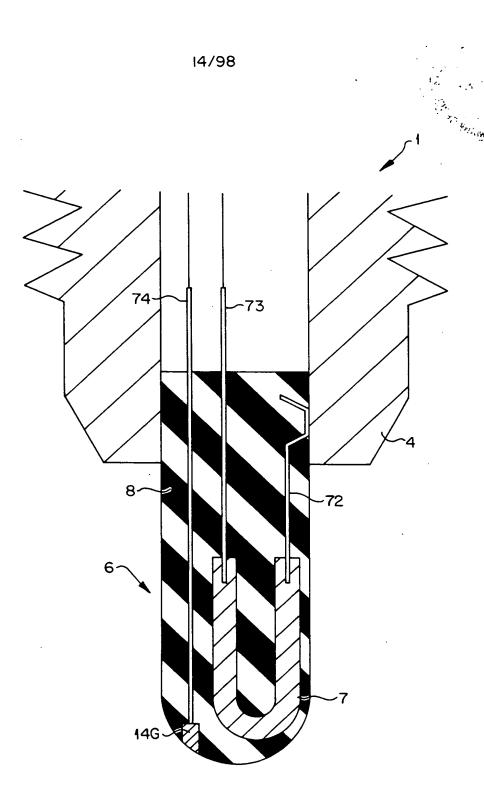


FIG. 20

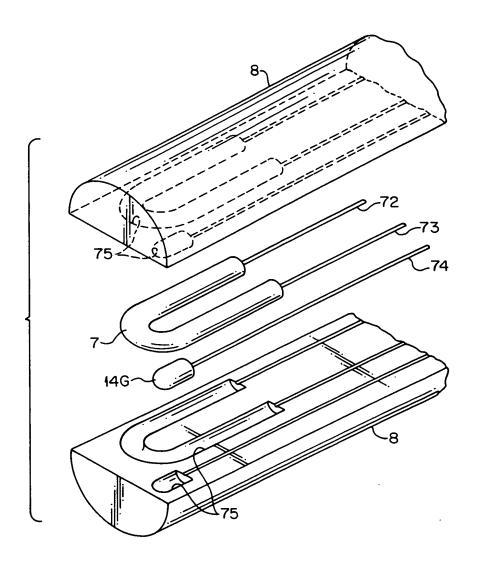
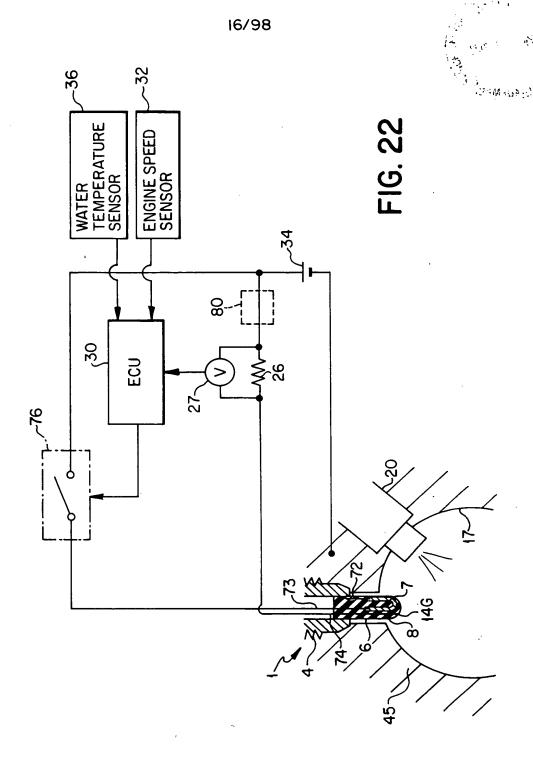


FIG. 21



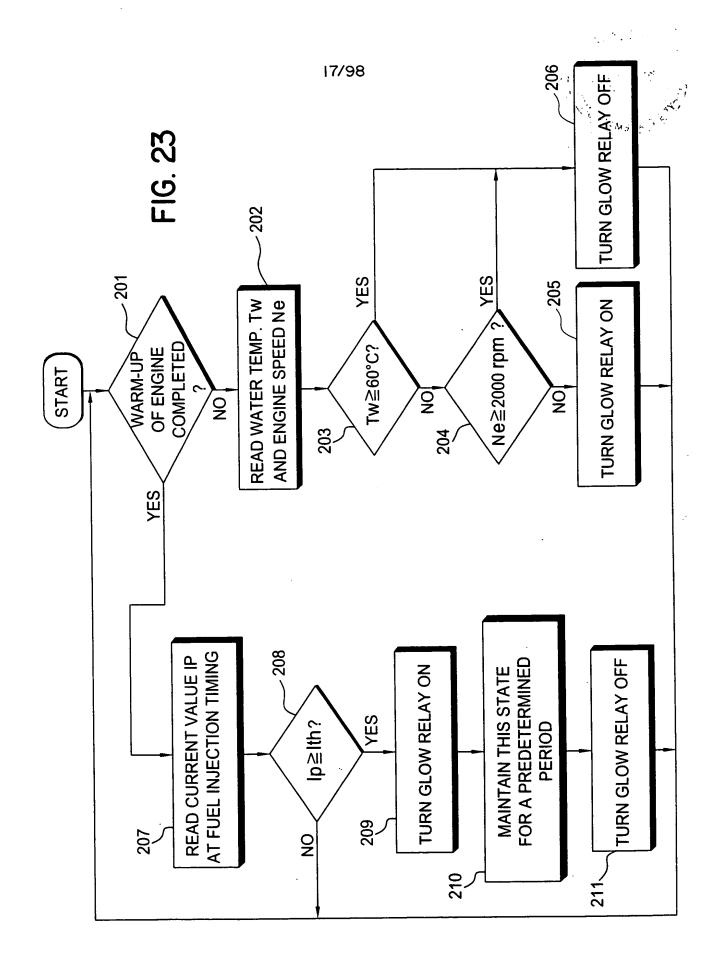


FIG. 24A

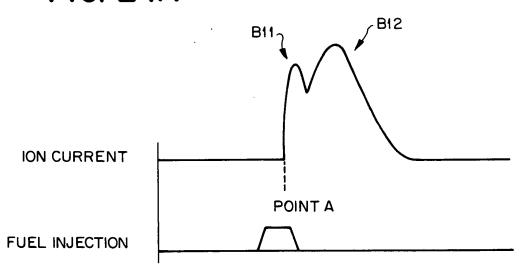
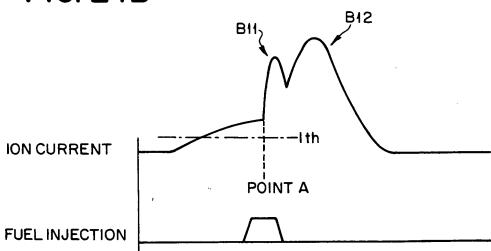
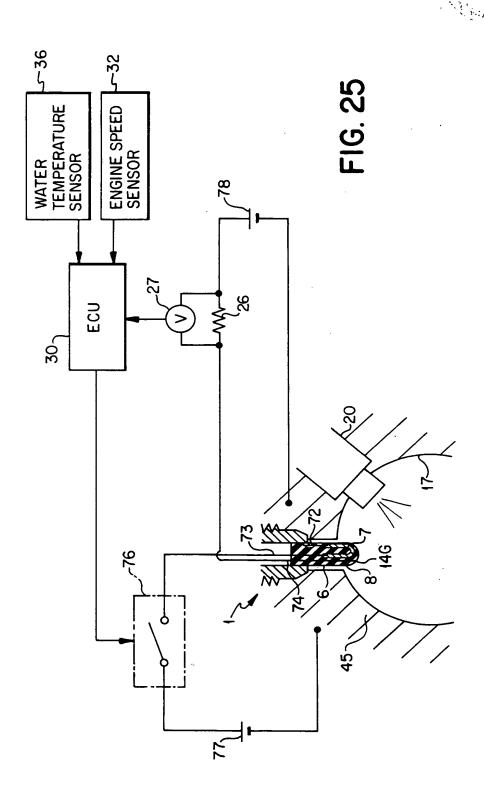


FIG. 24B



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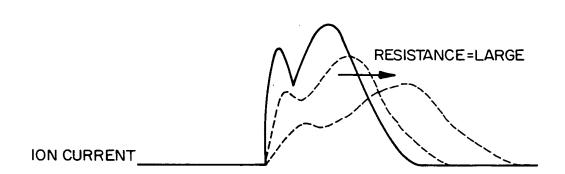


FIG. 26

TEMPERATURE = 1200°C 0.0 0.8 0.7 Na 9.0 IMPURITY CONTENT [%] 0.5 0.3 0.2 0.1

. 200

100

0

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FIG. 27

800

700

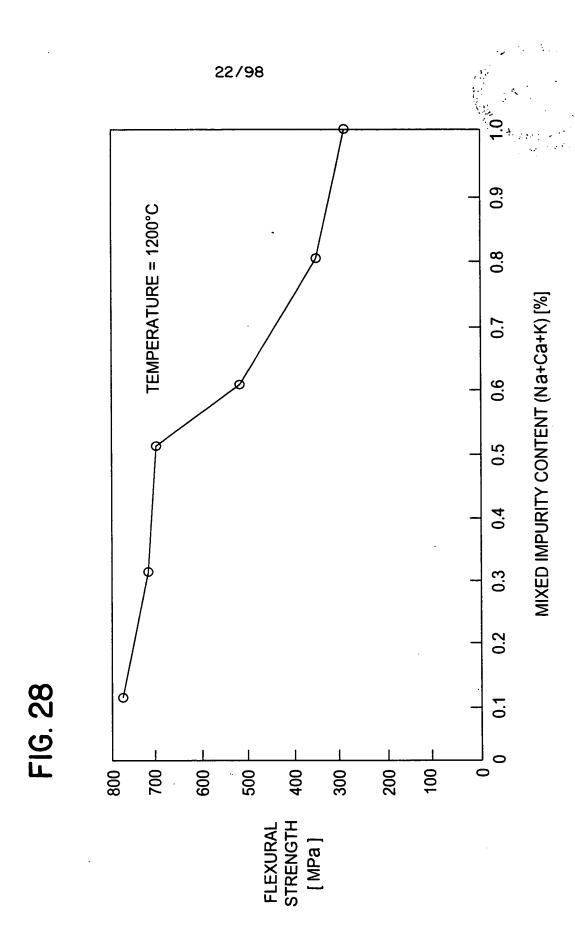
200

009

400

FLEXURAL STRENGTH [MPa]

300



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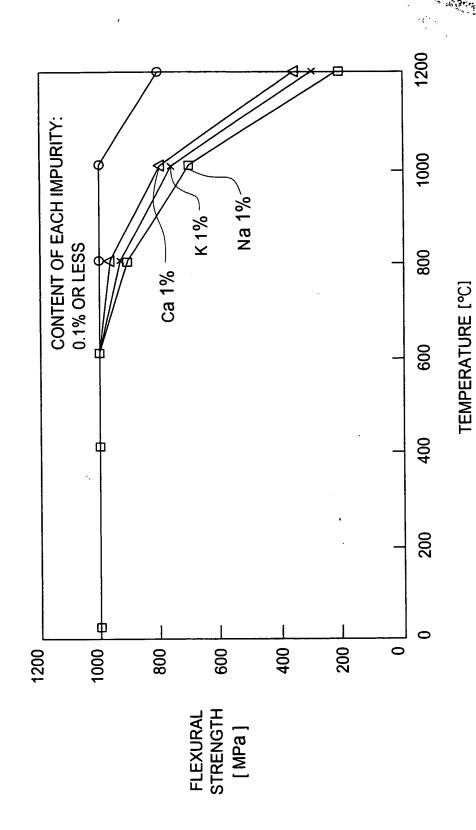
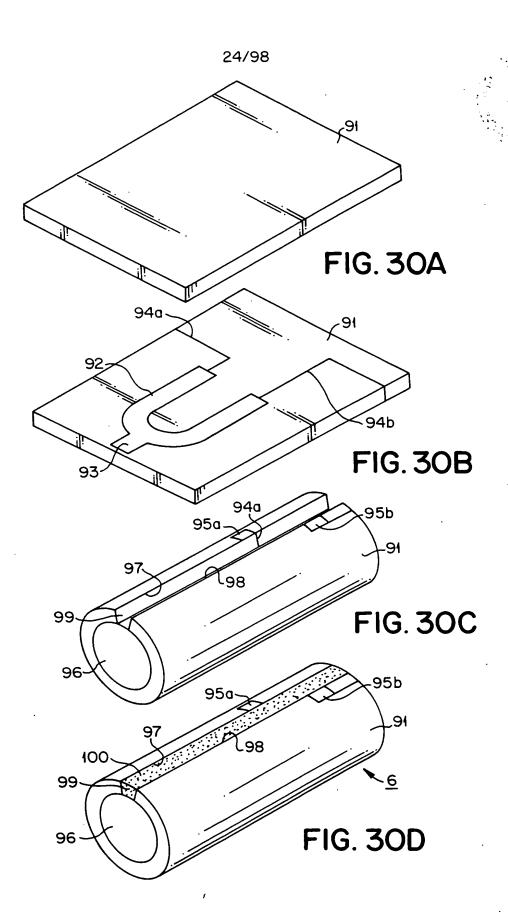


FIG. 29



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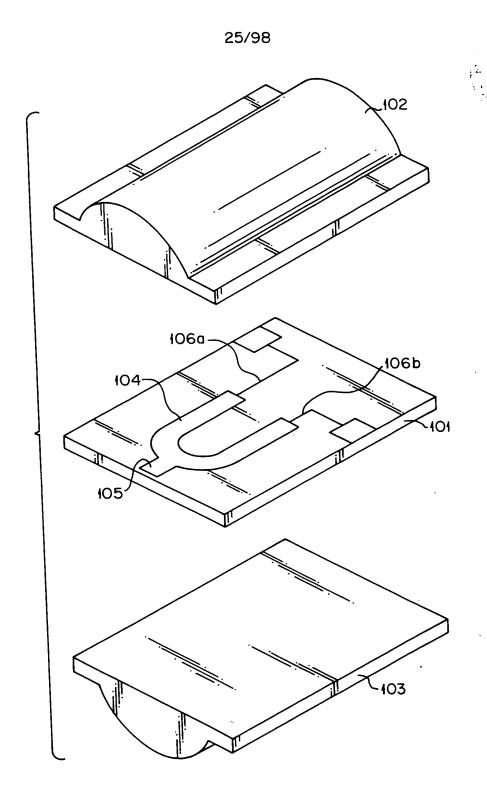
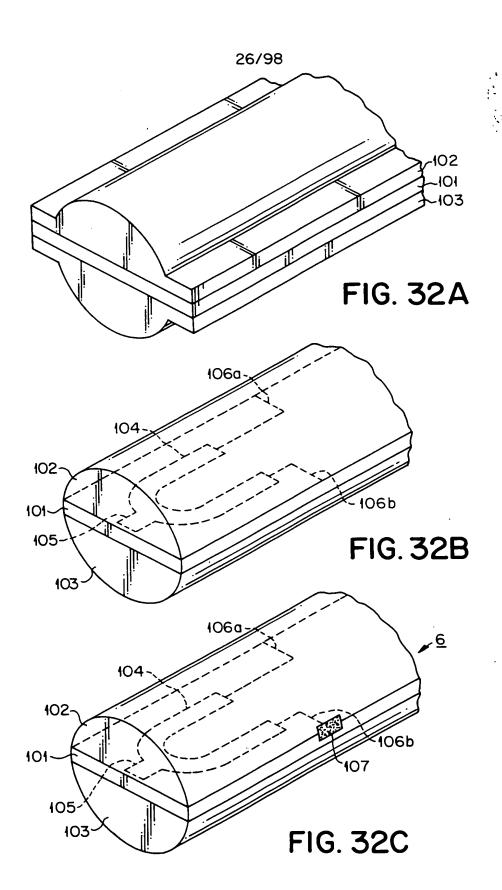


FIG. 31

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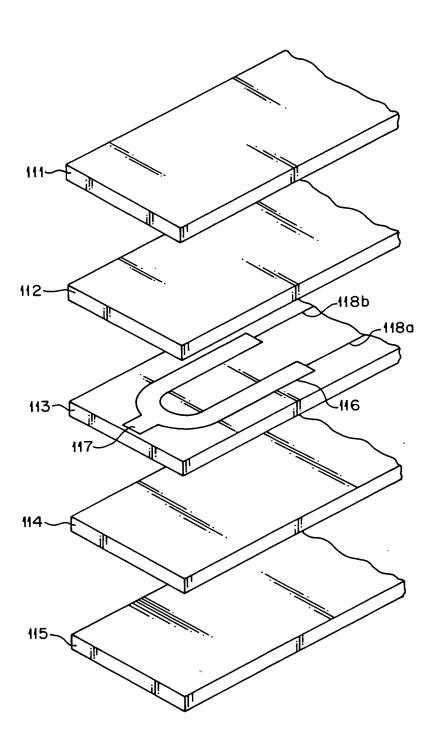
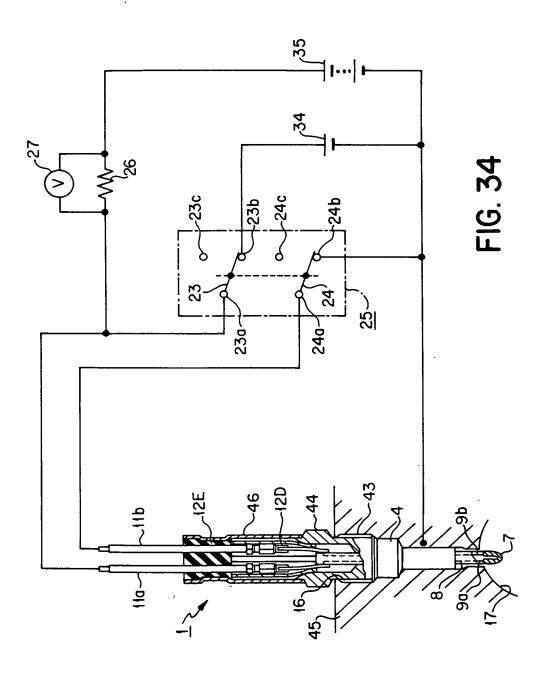
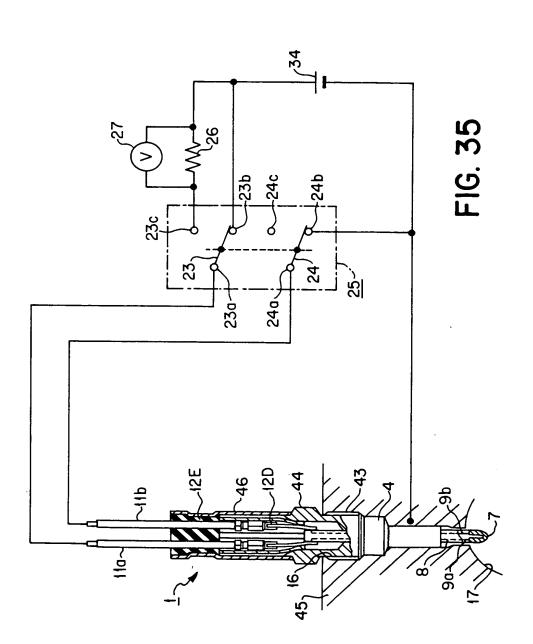


FIG. 33

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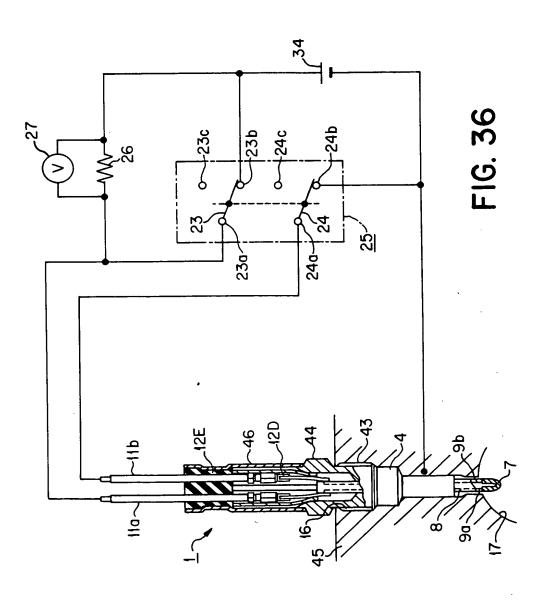




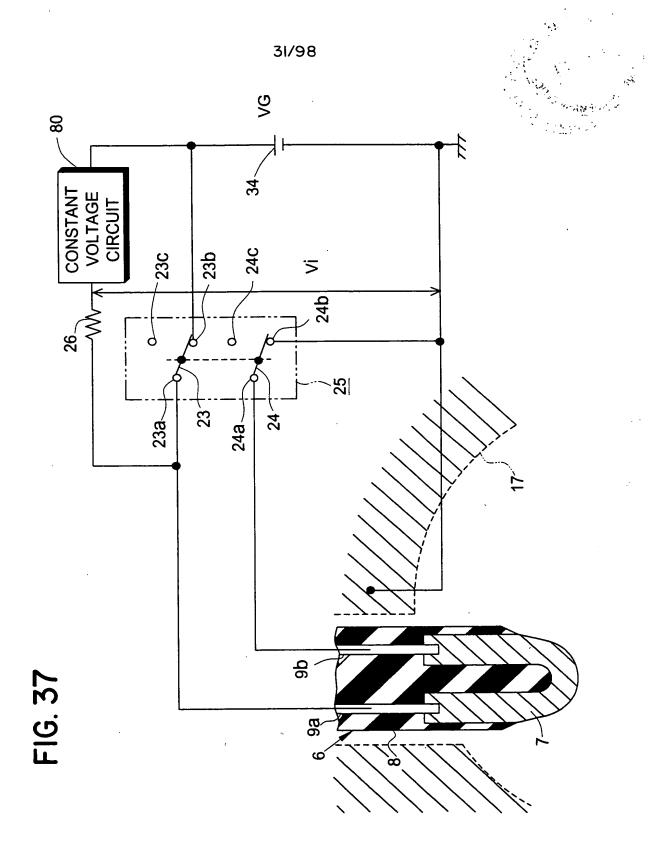
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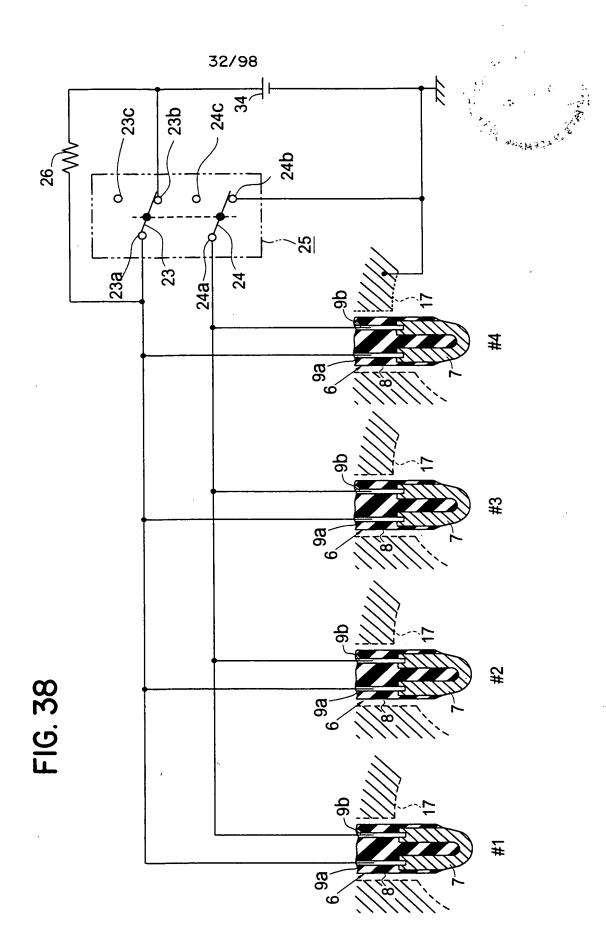
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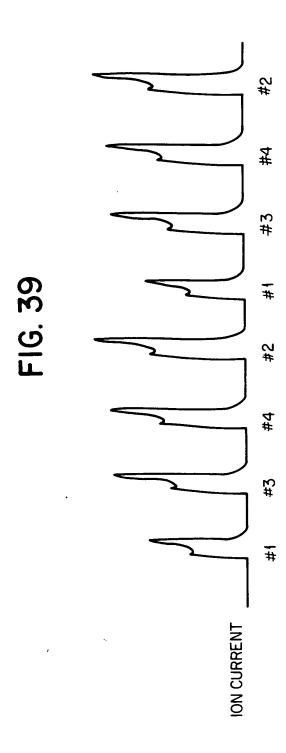
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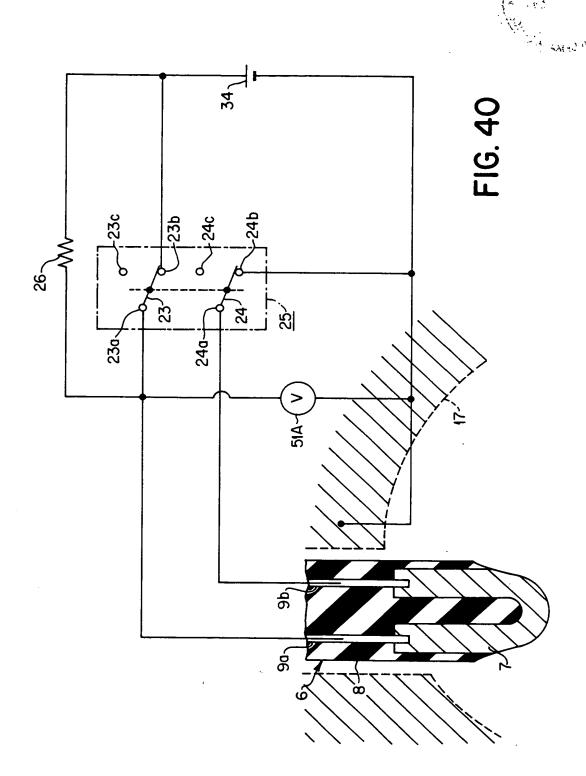
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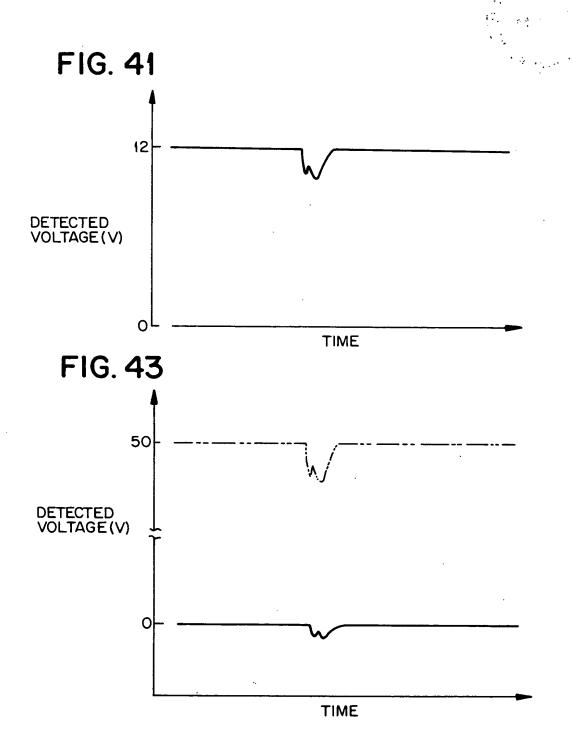
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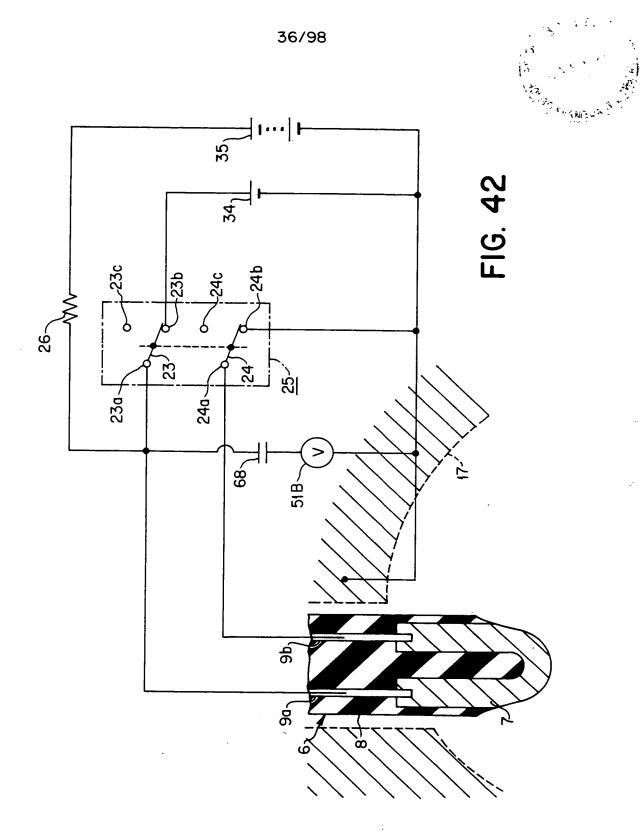
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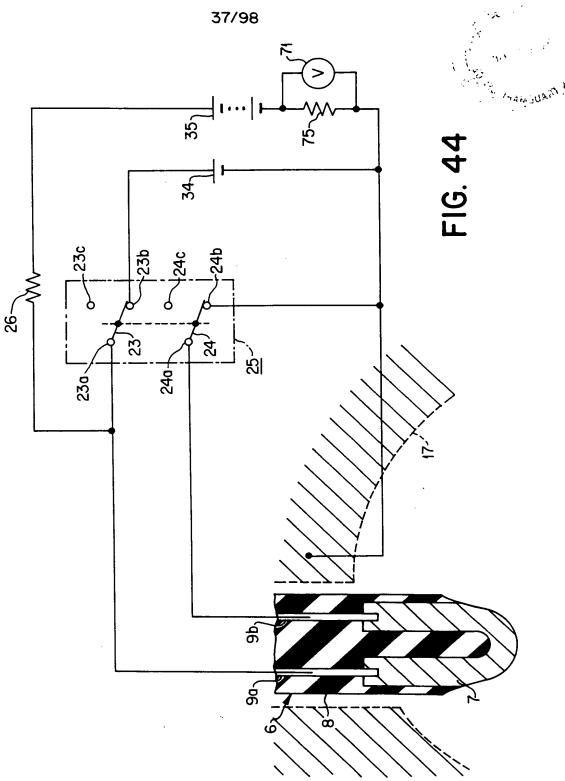




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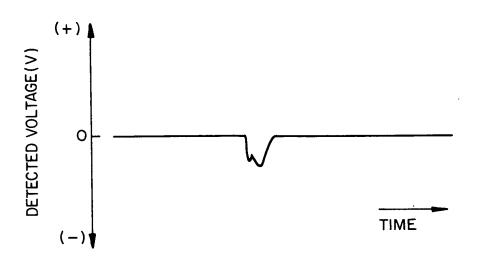
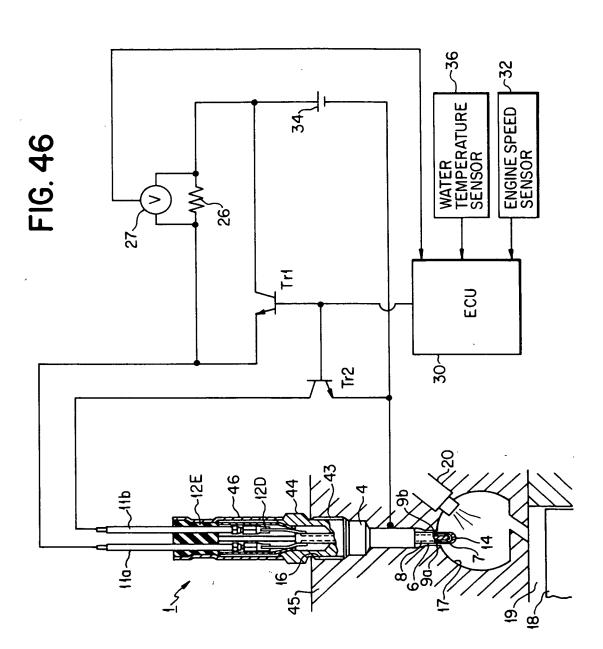
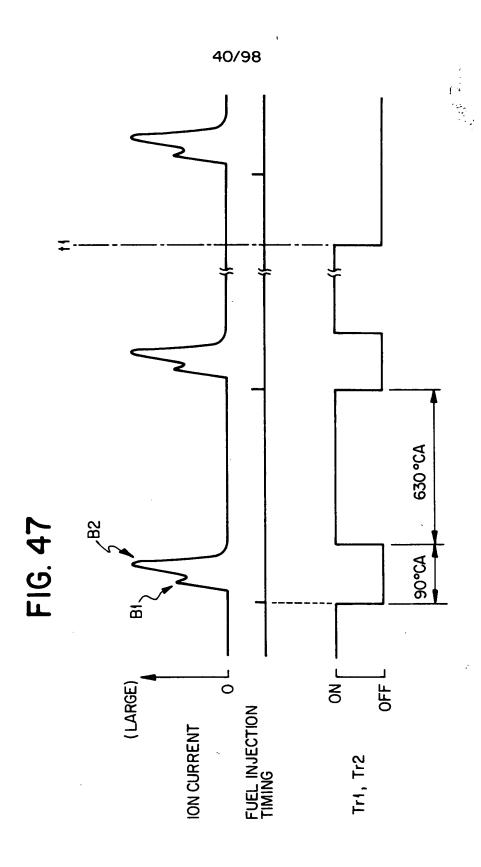


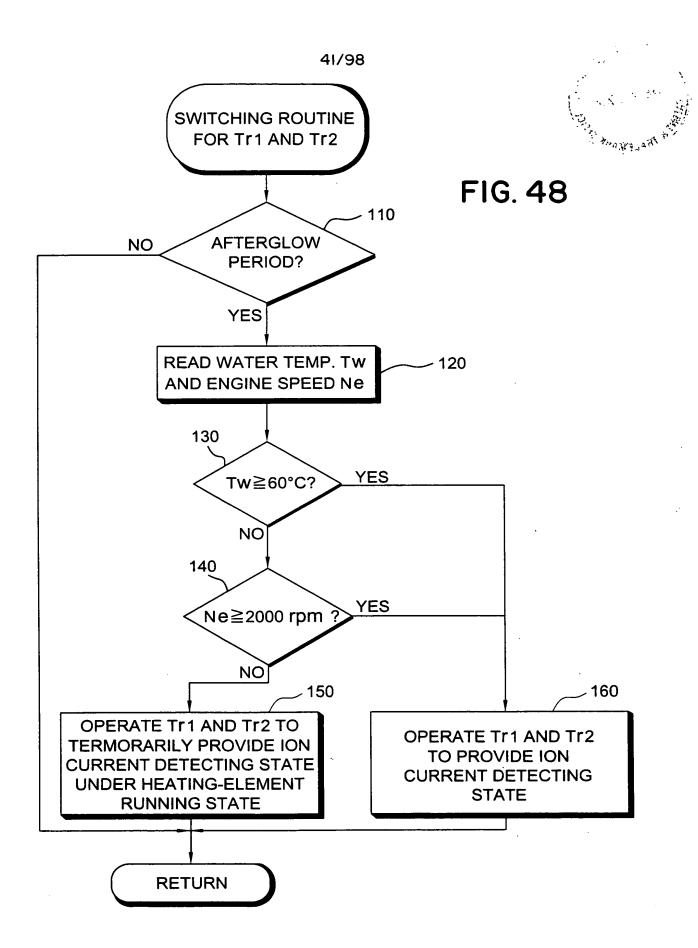
FIG. 45



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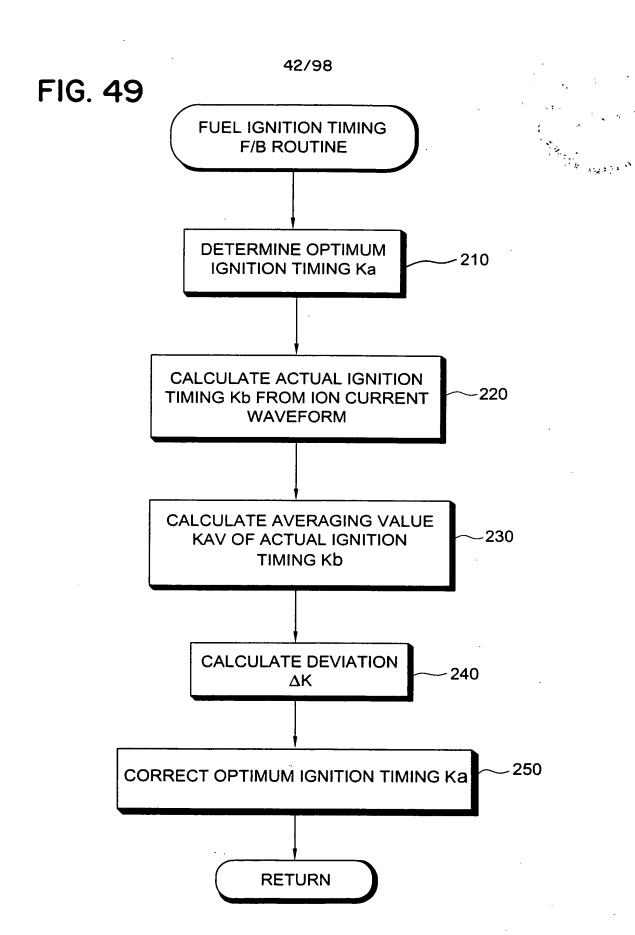


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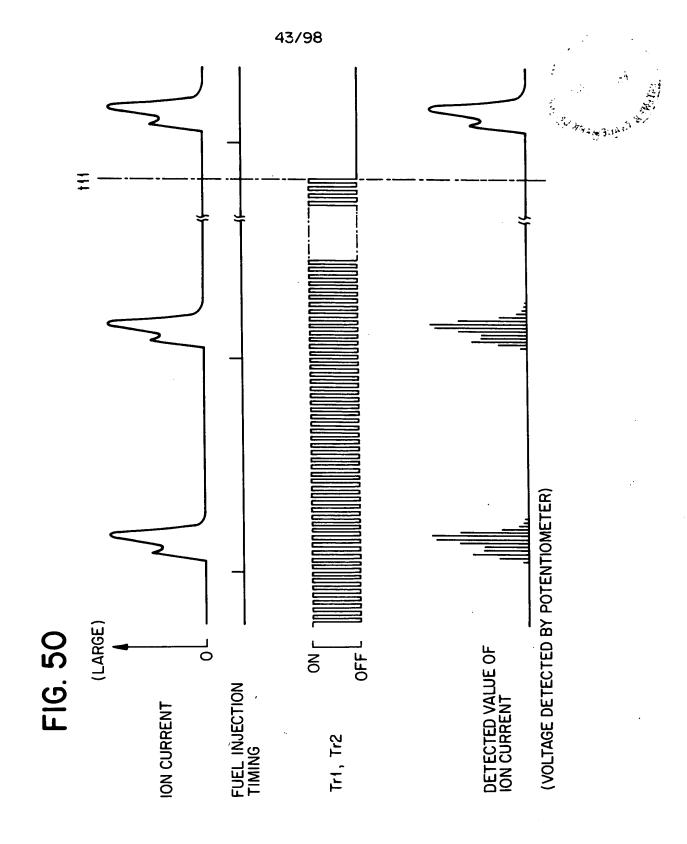


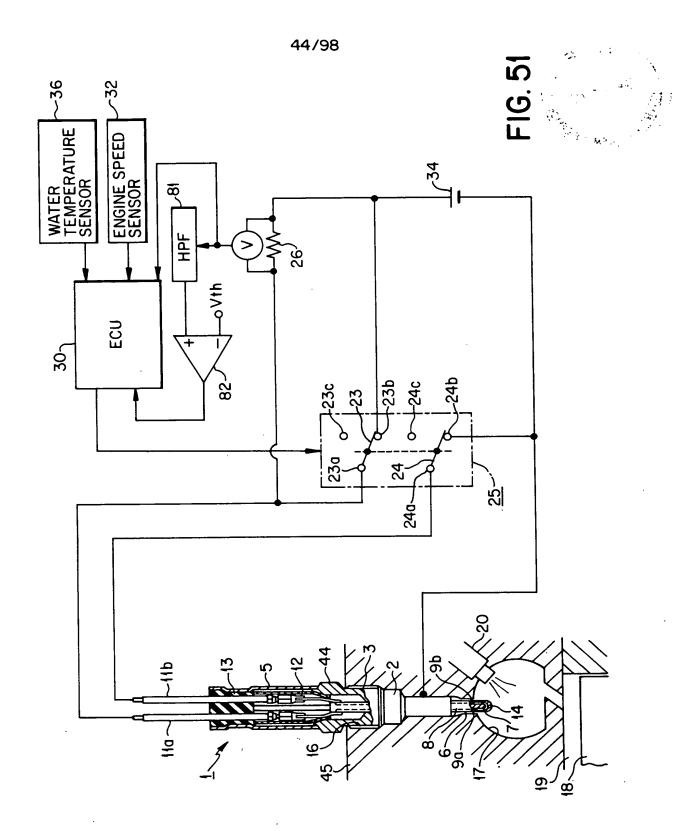
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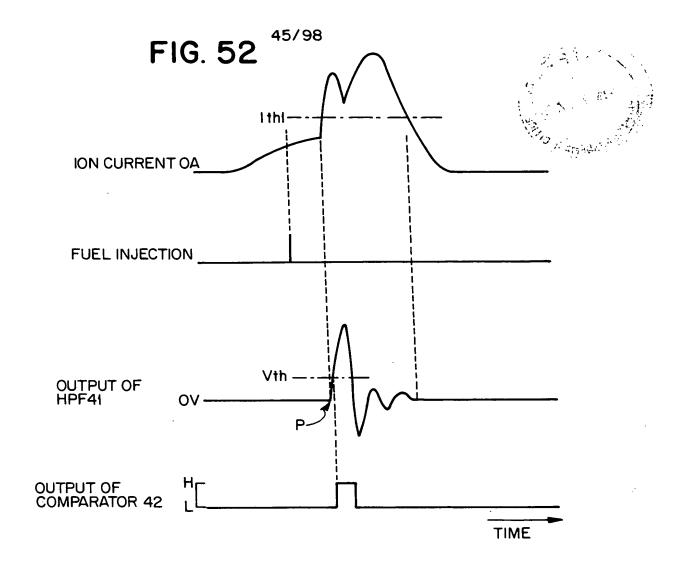


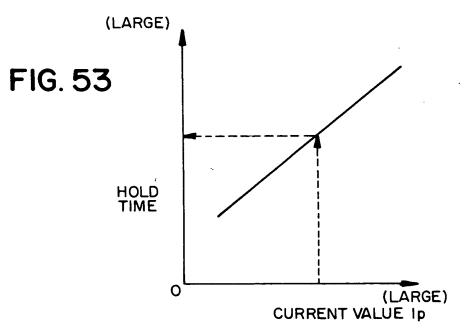
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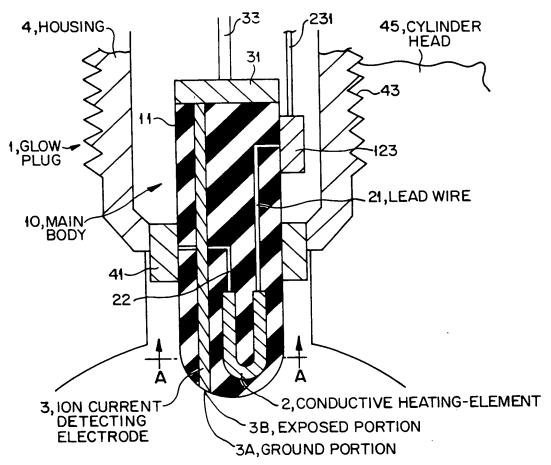
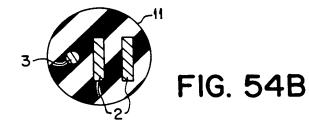
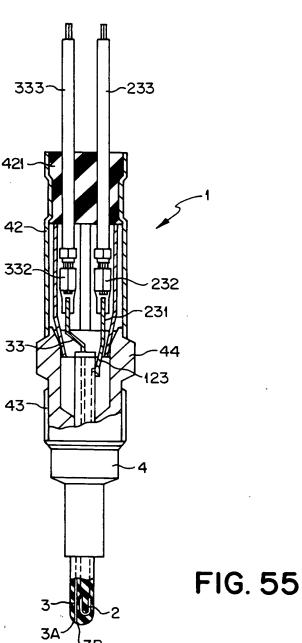


FIG. 54A







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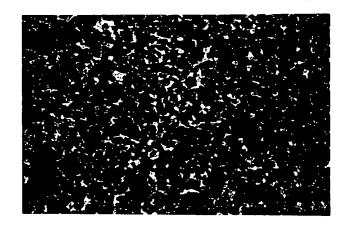




FIG. 56

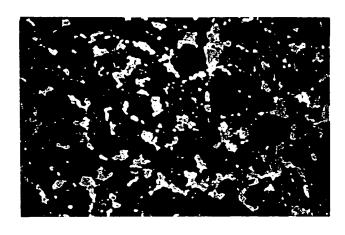


FIG. 57

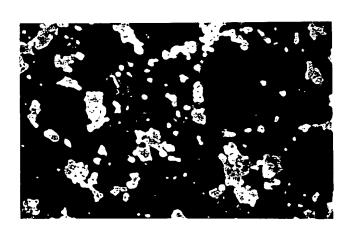
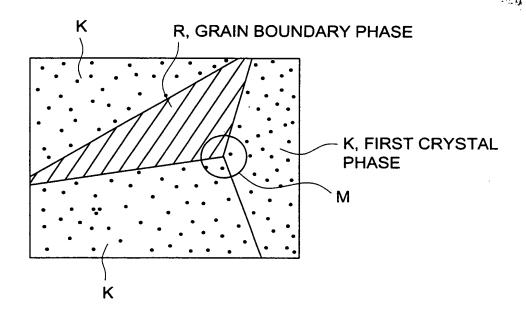


FIG. 58

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FIG. 59



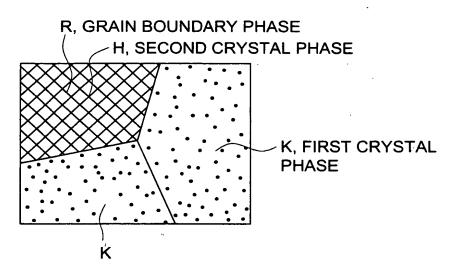


FIG. 60

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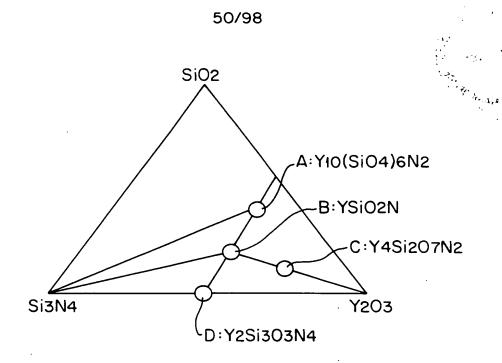
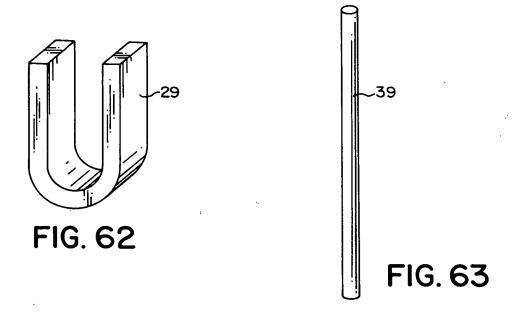
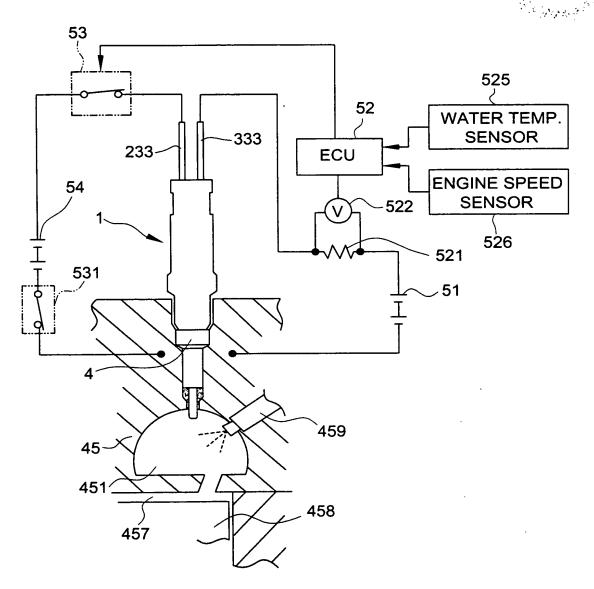


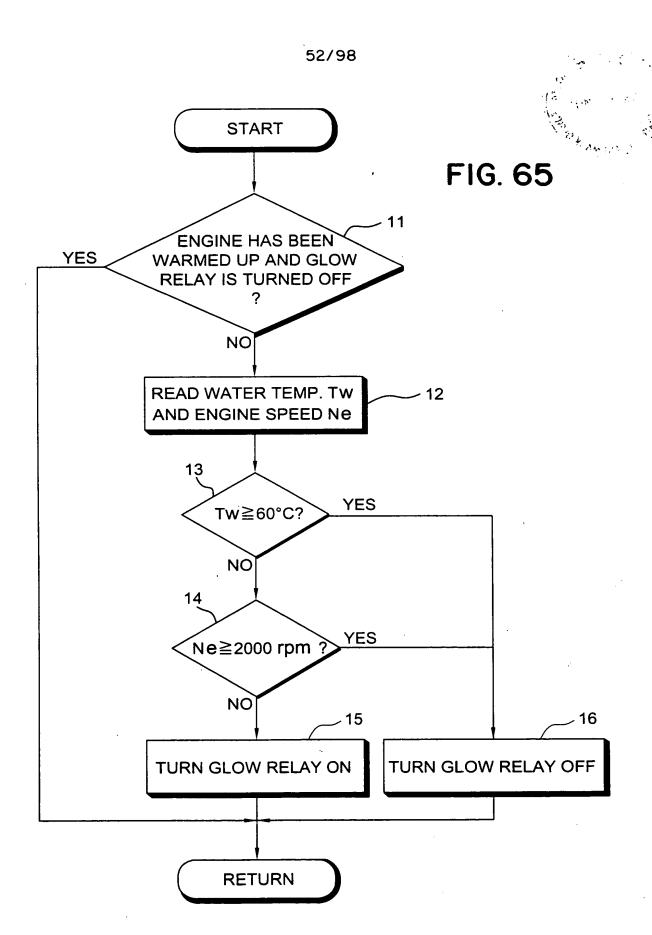
FIG. 61



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FIG. 64





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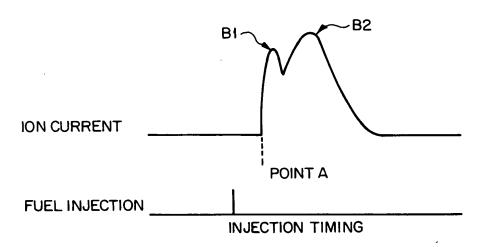
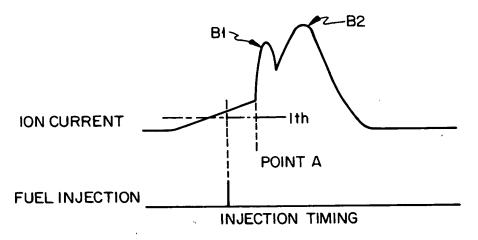
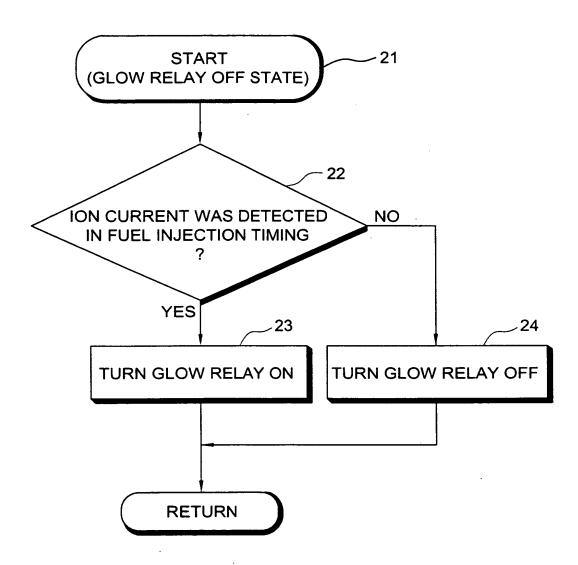


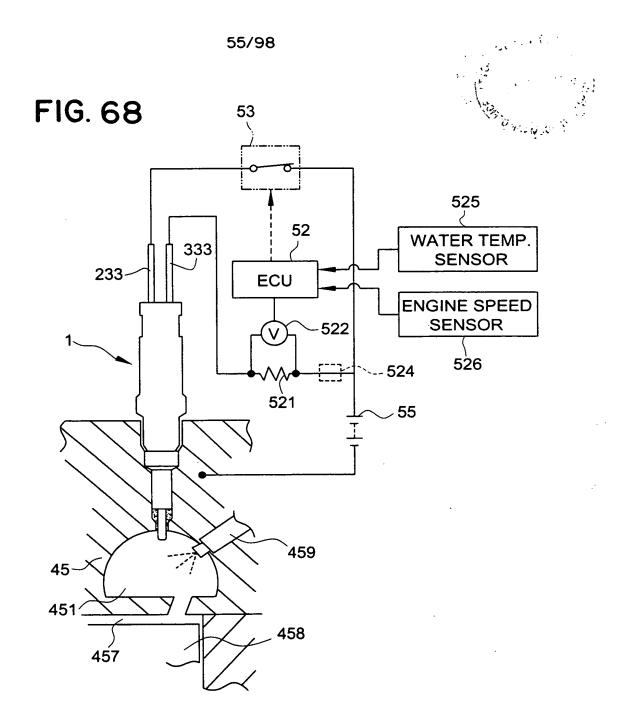
FIG. 66B



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FIG. 67





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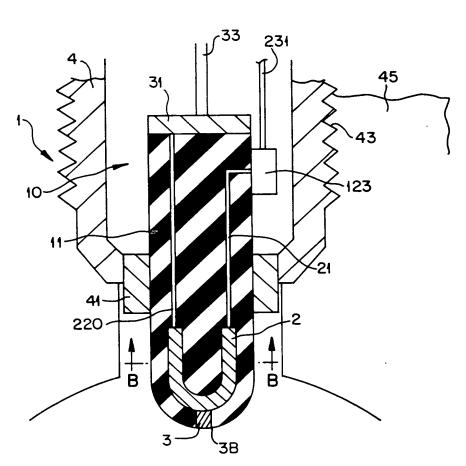
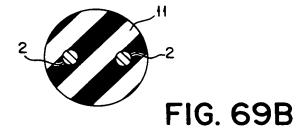
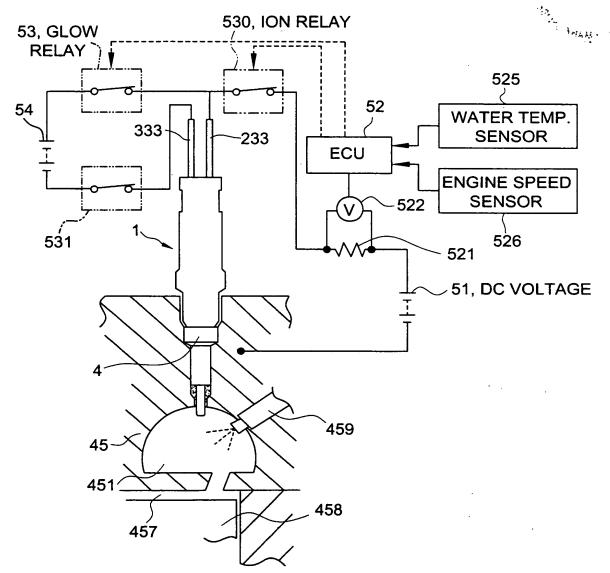


FIG. 69A

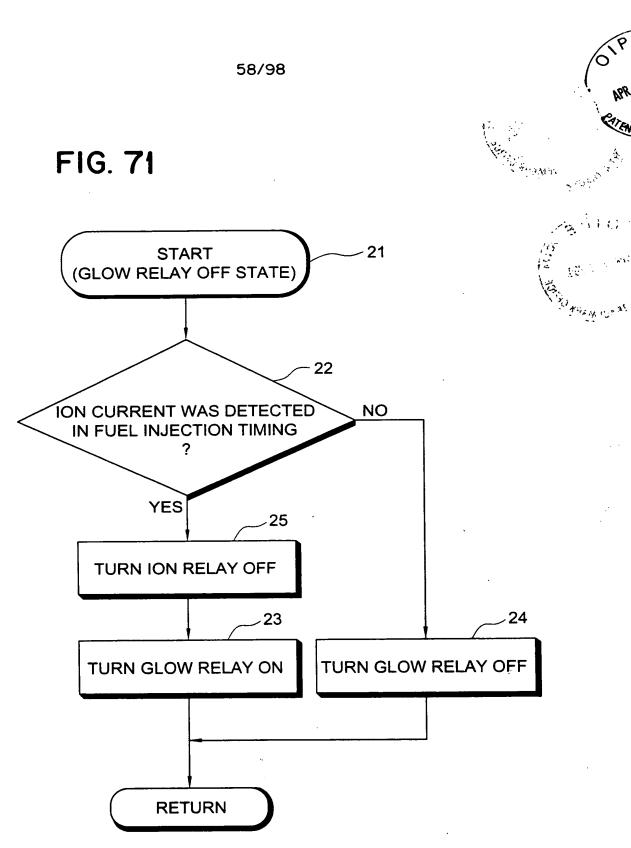


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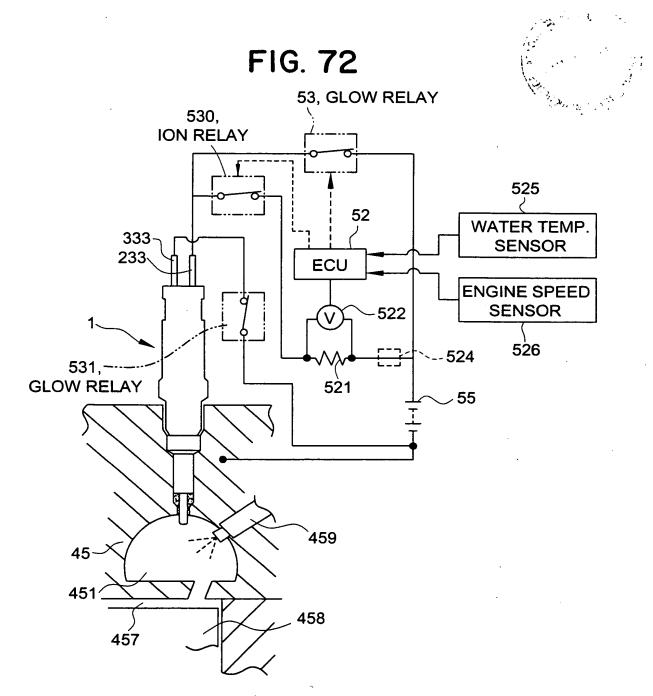




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FIG. 73

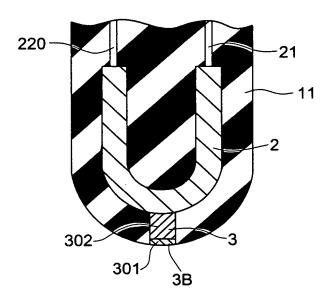
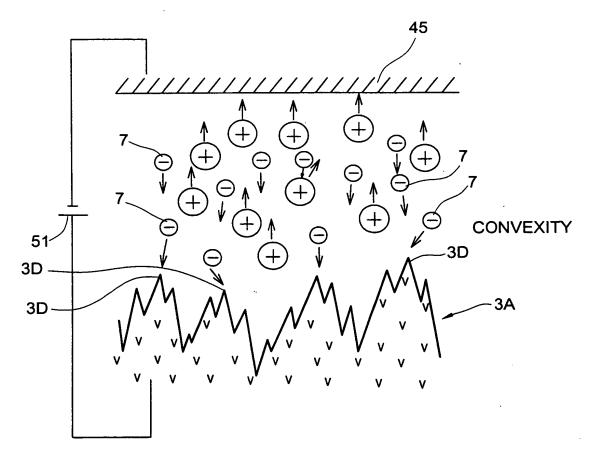


FIG. 74



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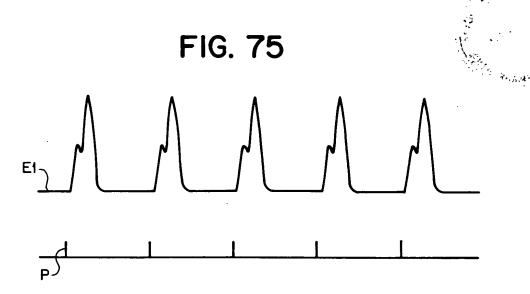
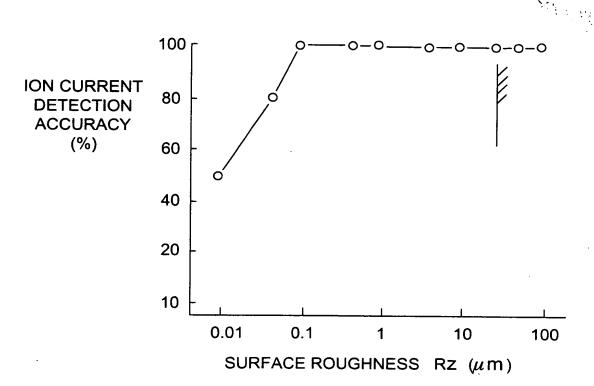


FIG. 76



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FIG. 77





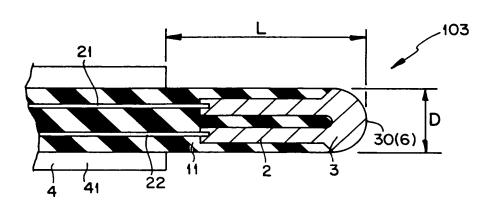


FIG. 78

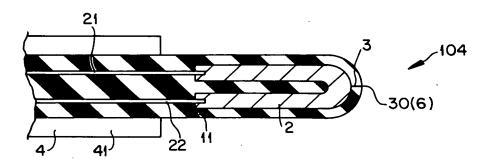


FIG. 79

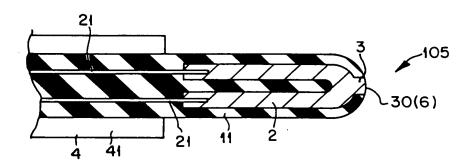


FIG. 80

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FIG. 81A

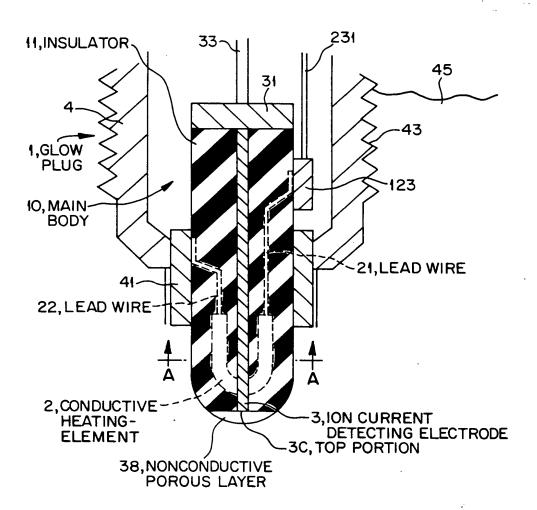
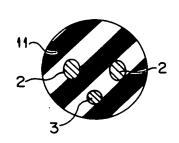


FIG. 81B



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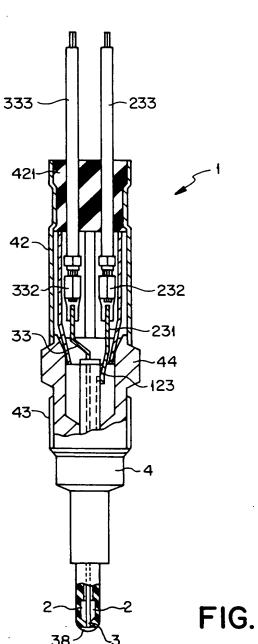
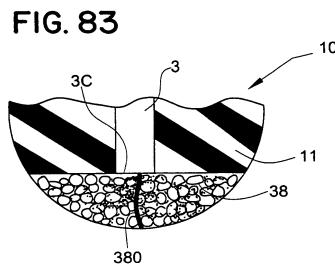


FIG. 82

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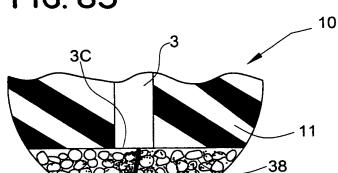
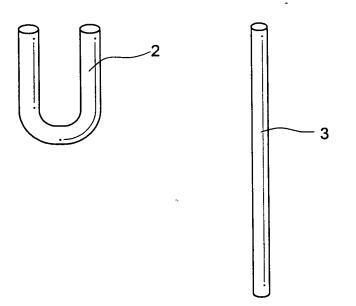
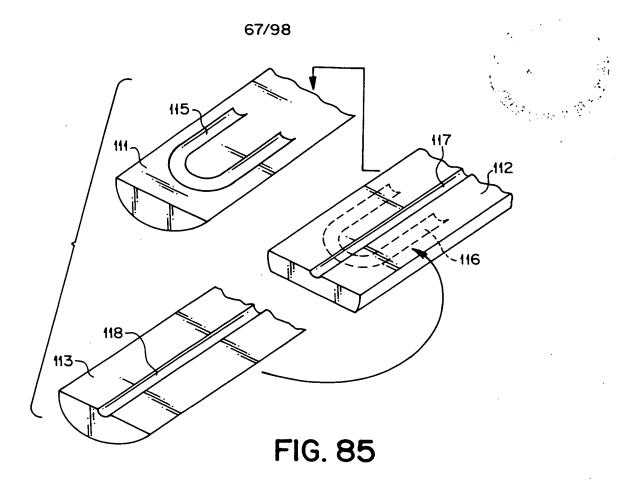


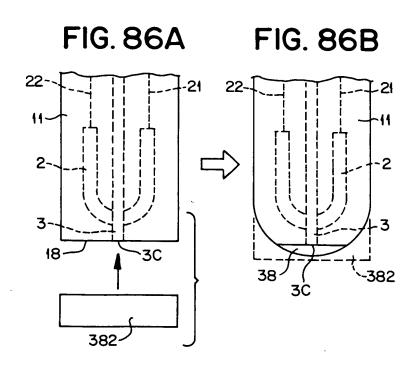
FIG. 84A

FIG. 84B



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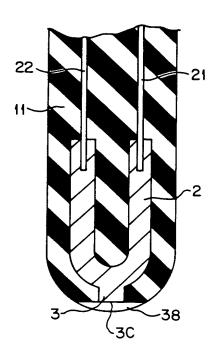


FIG. 87

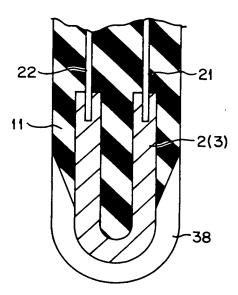


FIG. 88



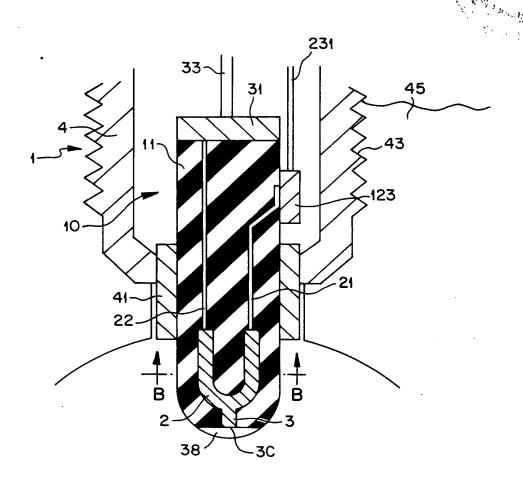
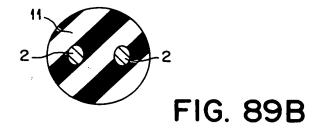
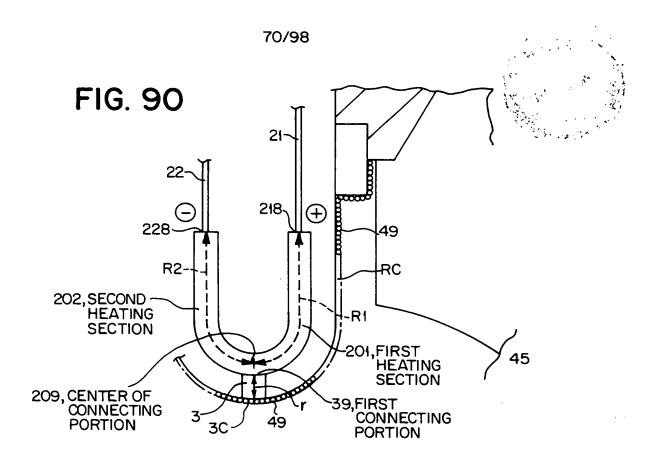
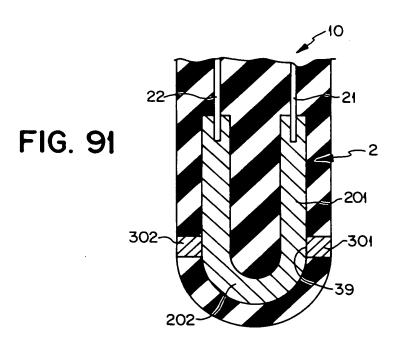


FIG. 89A







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FIG. 92A

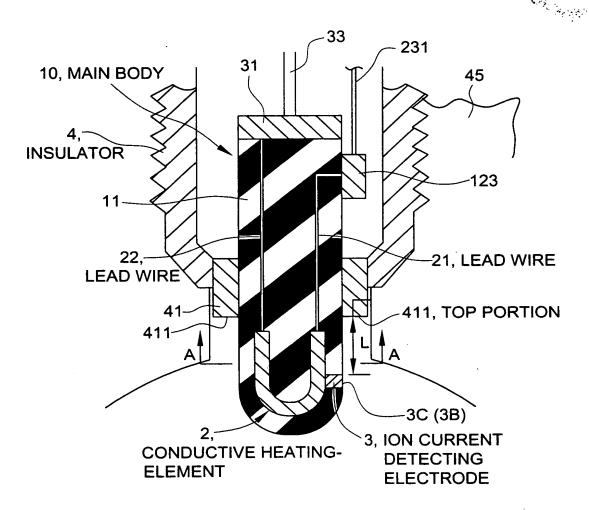
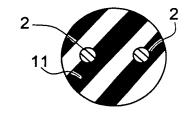


FIG. 92B



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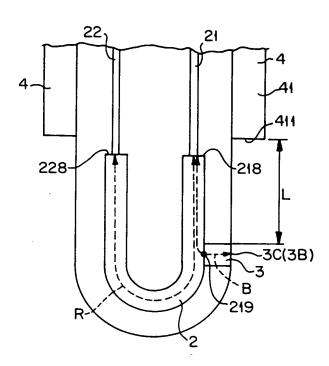
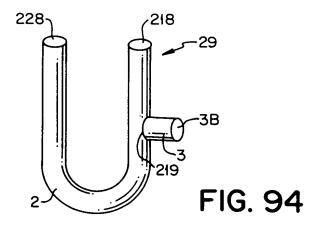


FIG. 93



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FIG. 95

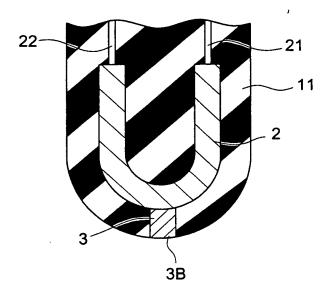
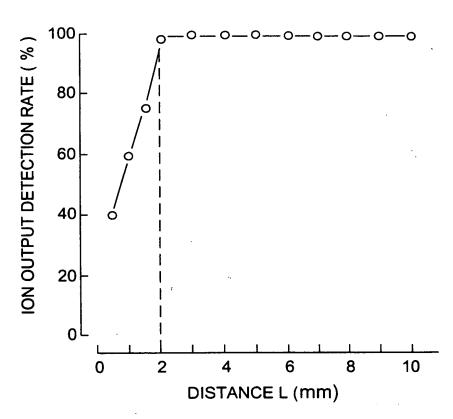
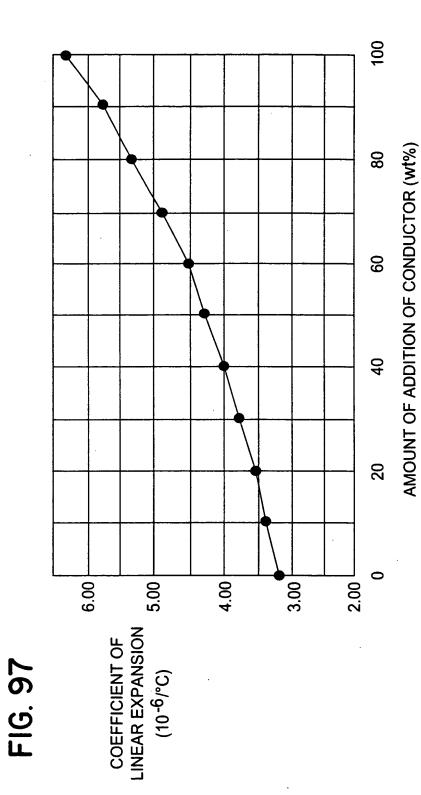


FIG. 96



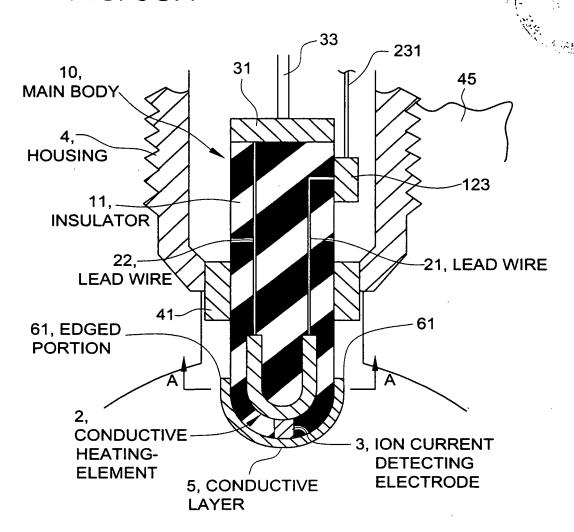


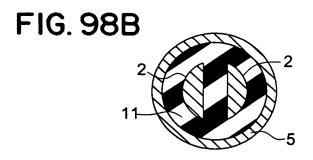
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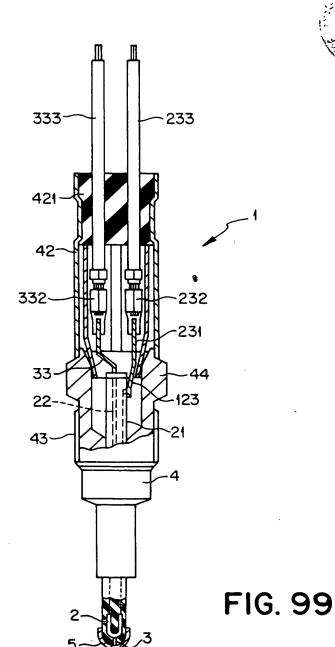
FIG. 98A





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FIG. 100

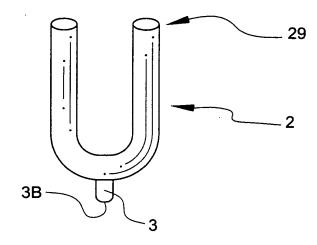
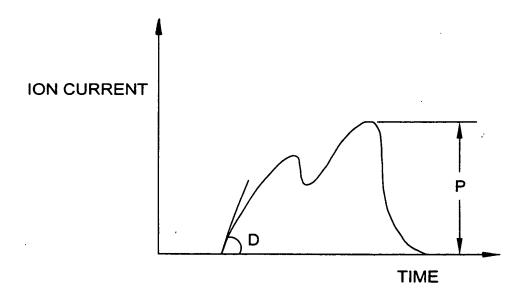
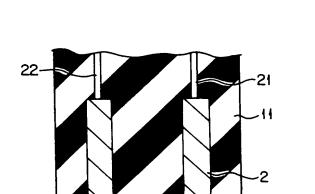


FIG. 101



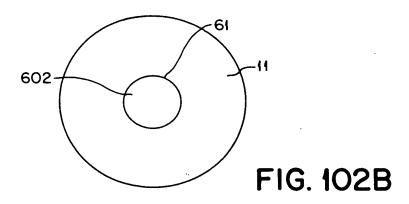
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FIG. 102A



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FIG. 103

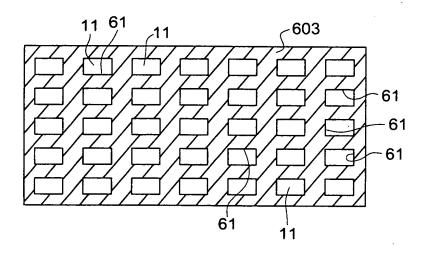
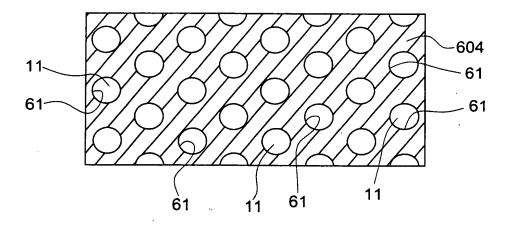


FIG. 104



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FIG. 105

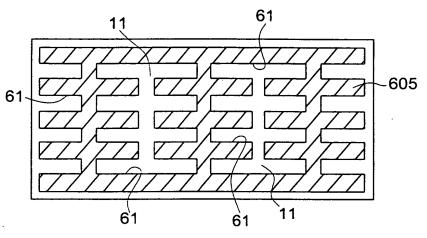
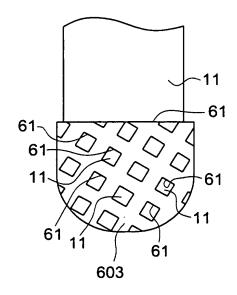


FIG. 106



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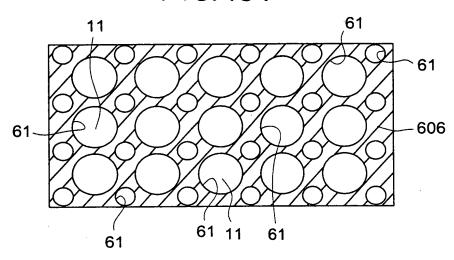
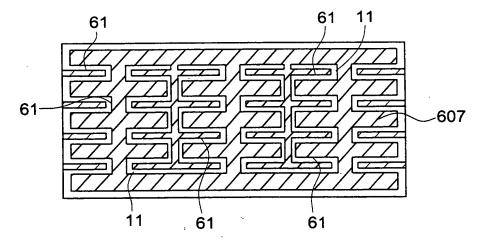


FIG. 108



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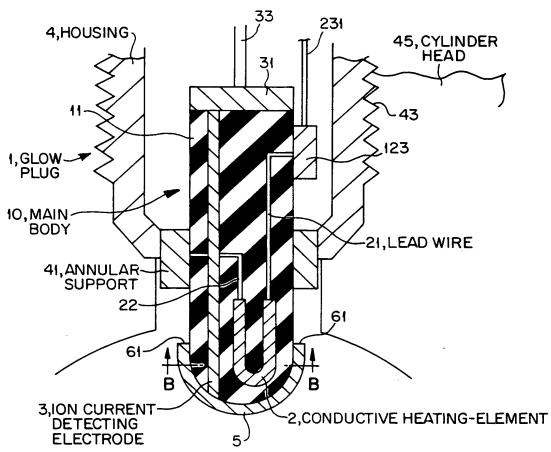
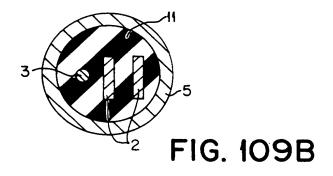


FIG. 109A





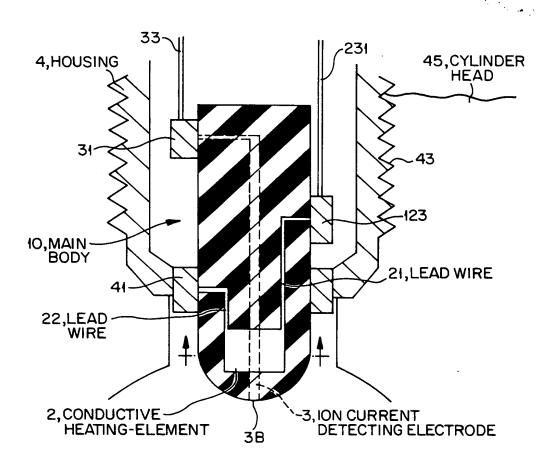


FIG. 110A

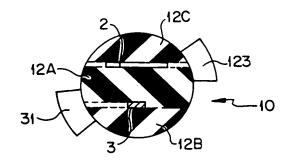
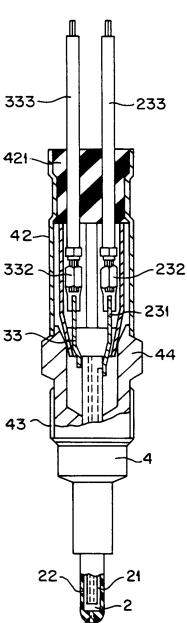


FIG. 110B

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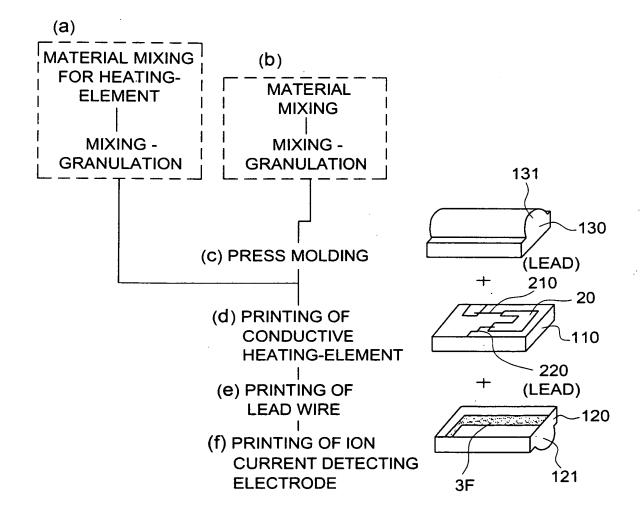
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FIG. 111

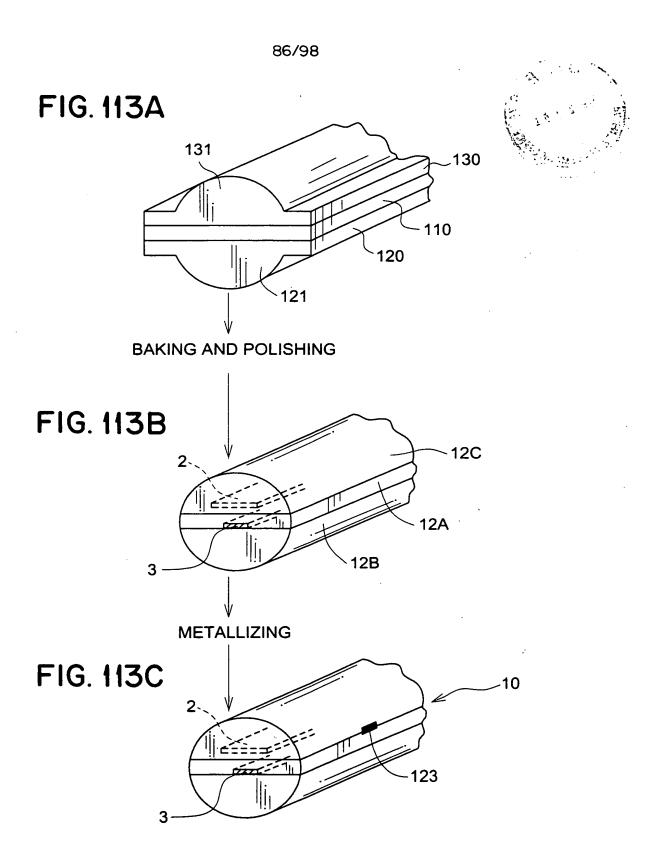
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FIG. 112



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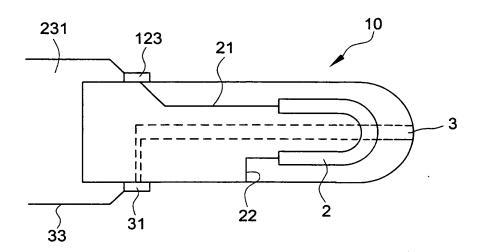


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FIG. 114



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FIG. 115A

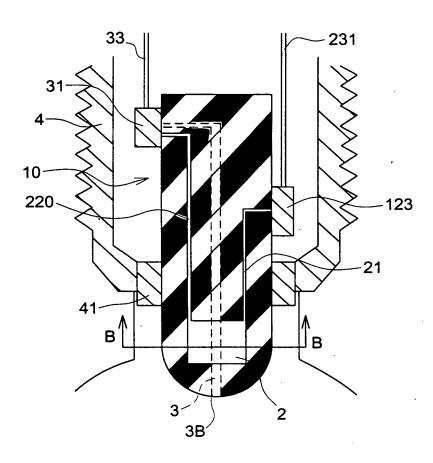
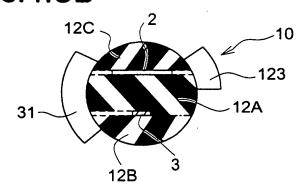


FIG. 115B





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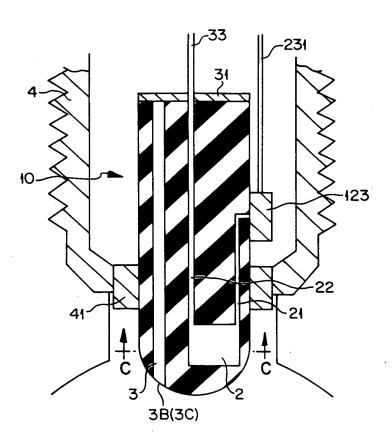


FIG. 116A

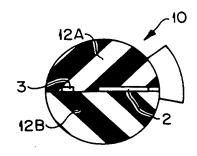


FIG. 116B

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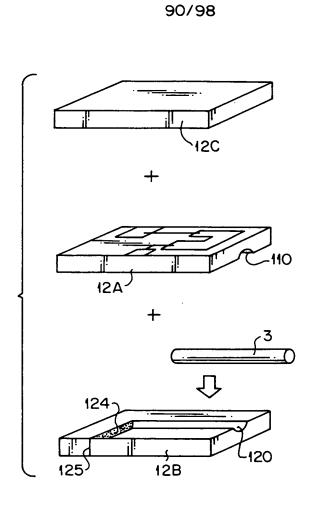


FIG. 117A

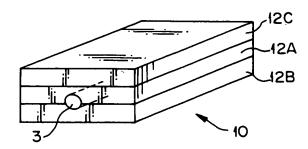


FIG. 117B

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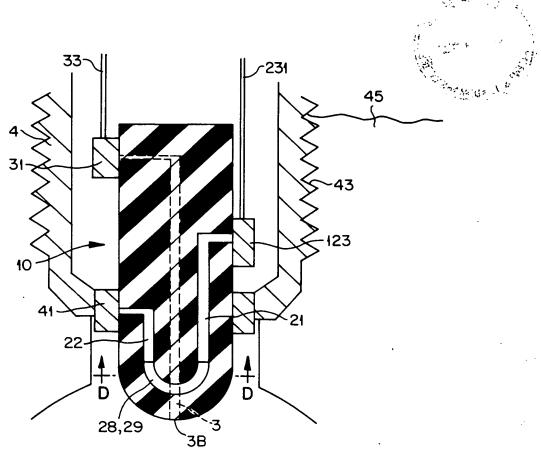


FIG. 118A

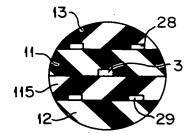


FIG. 118B

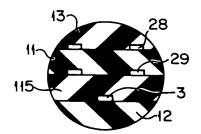


FIG. 119

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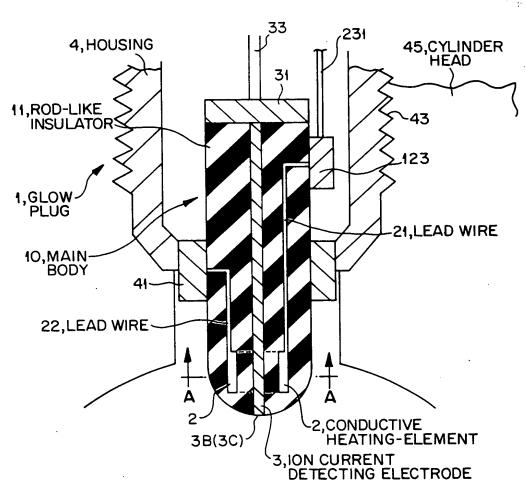
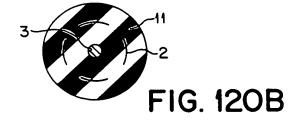
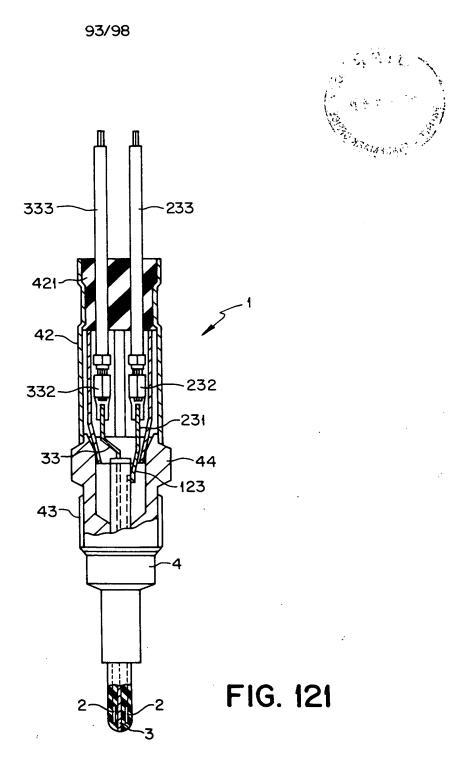


FIG. 120A



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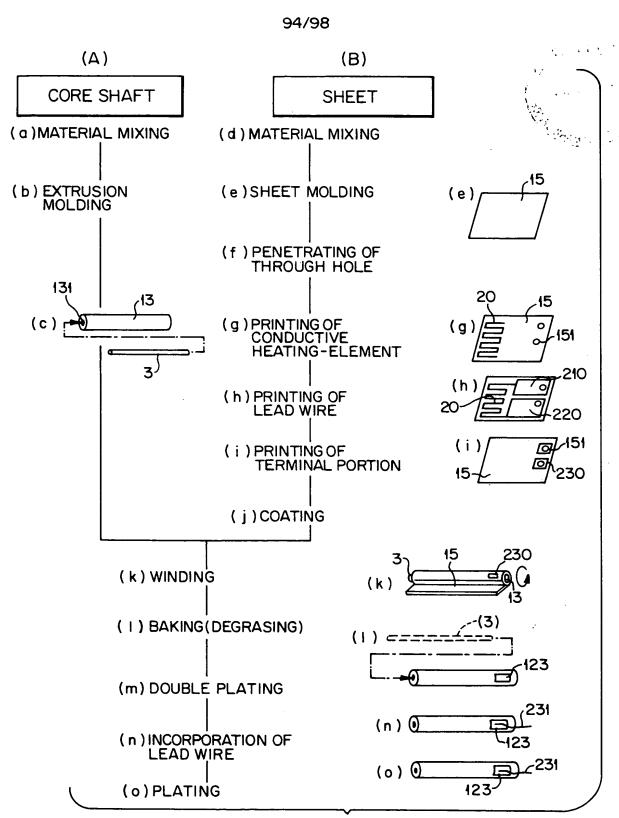


FIG. 122



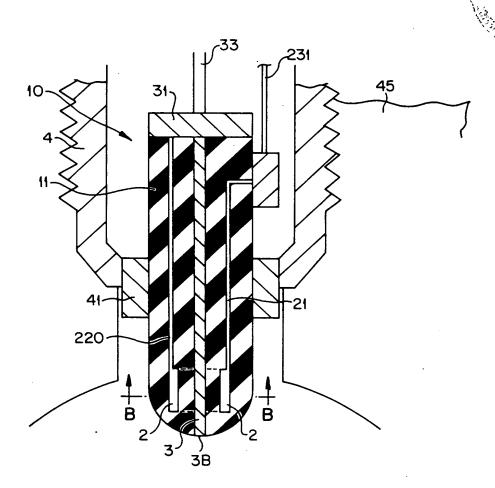


FIG. 123A



FIG. 123B

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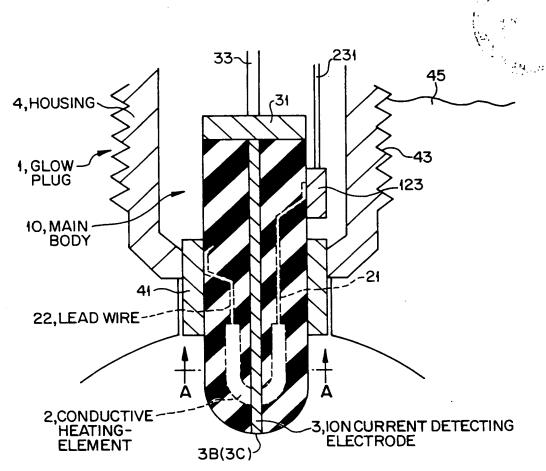


FIG. 124A

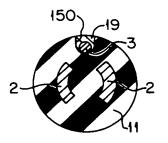
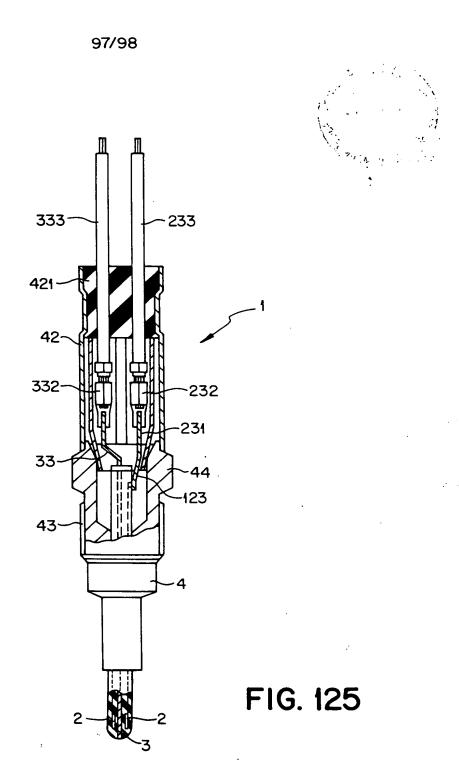


FIG. 124B

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